

ELEVEO
AXELERO REHA

ELEVEO

Systems for dynamic unloading



Elite Equipments



www.eliteequipments.com



support@eliteequipments.com

ELEVEO is a device for simultaneous training of:

- unloading
- posture
- balance

(on a treadmill or firm surfaces)



- stability
- reliability
- wireless
- long lasting work of weighing module (on one charge session) - max. 8 months
- ease of use
- intuitive switching on (automatic, after detecting the load)



ELEVEO

- used in:
 - rehabilitation
 - gait reeducation
- used for:
 - therapeutic purposes
 - diagnostic purposes (training balance and gait)
- ideal for working with:
 - neurological patients
 - orthopedic patients
 - for adults and children



ELEVEO



+



=



ELEVEO:

Height:
max. 234 cm
min. 164 cm



Depth: 135 cm

Patient:
max. 160 kg



up to 210 cm



Width: 88 cm or 97 cm



ELEVEO – a dynamic partial weight bearing system

- weight bearing arm
- weighing module
- pulpit

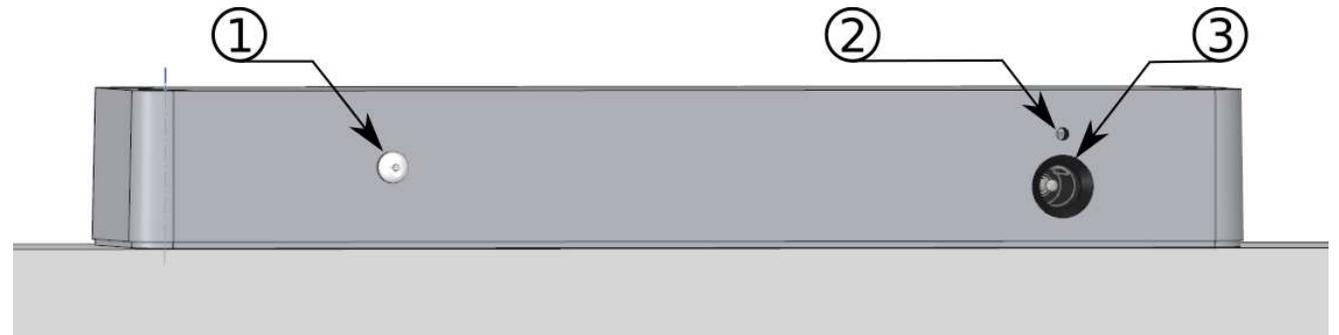


ELEVEO – a weight bearing arm

- dynamic lifting/lowering the range of 0-12,5 cm
- adjusting dynamic partial weight bearing „+” , „-”
- locking dynamic partial weight bearing „STOP”



ELEVEO – a weighing module



- 1 - indicating LED
- 2 - reset button
- 3 - charger socket

WeCoTRONIC – **We**ight **Co**ntrol **ElecTRONIC** system
wireless weighting = transducers + radio transmission data;

electronic panel shows real-time data (weight, unloading)
from BT-enabled tensometric sensors.

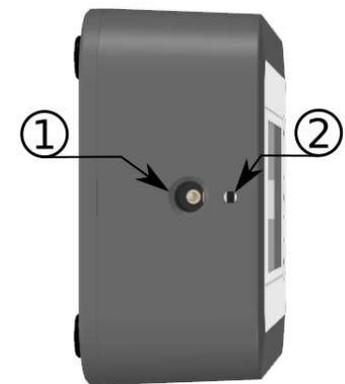
ELEVEO pulpit

- equipped with a screen showing the degree of weight bearing and control buttons
- movable and attached magnetically in different places



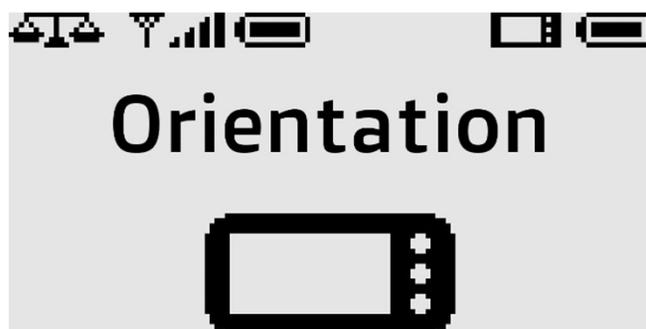
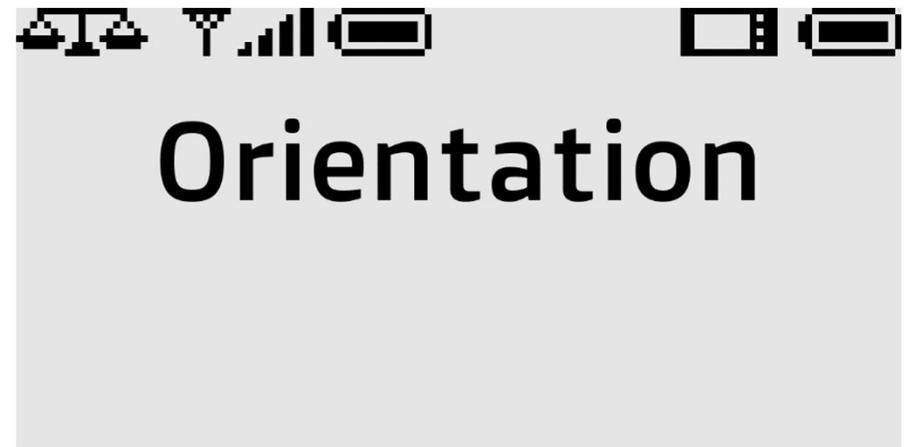
ELEVEO – a pulpit

- to activate – press any button and hold it for more than 0,5 s
- status bar (is always visible at the top of the screen); indicates the connection status and battery level of the weighing module and operator panel
- 1 - charger socket; 2 - reset button



ELEVEO – a pulpit – screen orientation

- work with buttons on the left or right side of the screen (left and right hand) or automatically change the orientation
- to change the orientation, press the button 



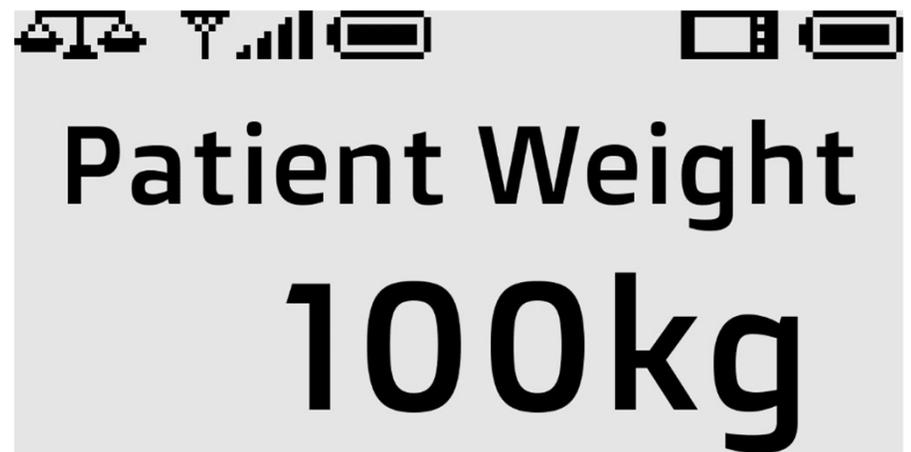
ELEVEO – a pulpit - connection screen

- When the panel is started, on a screen there is displayed information process of connection to a weighing module, which ID is displayed on the bottom line.
- When connected the main screen is displayed.



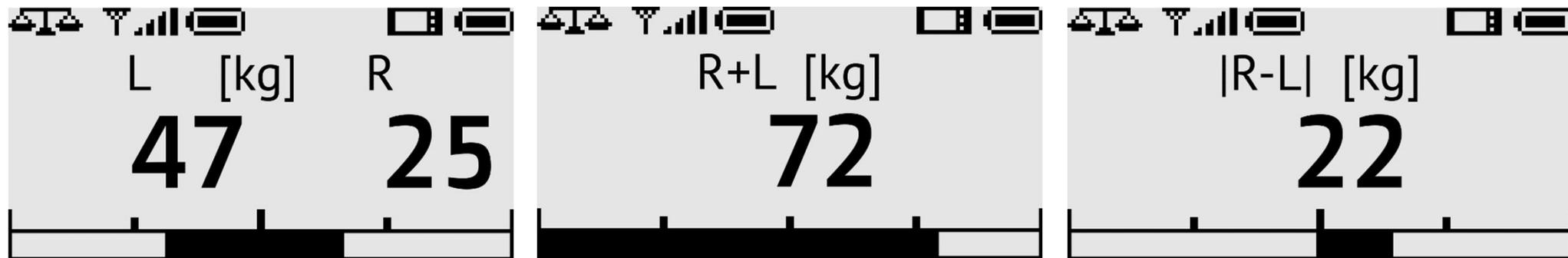
ELEVEO – a pulpit - main screen

- 1 step –
MEASUREMENT RESET
to reset the display when
empty harness is mounted -
without the patient (● button)
- 2 step –
INDICATION OF PATIENT
WEIGHT (● button) to enter
the weight of a patient by
buttons ▼ and ▲ to set the
desired value 25 to 200 kg
- 3 step –
WEIGHT RELIEF
MEASUREMENT



ELEVEO pulpit - main screen

- are displayed measured values of weight relief of left and right side;
graphic indicator shows the measured weight relief value relative to programmed patient's weight
- displayed modes:
 - 1 - indication for both sides L, R;
 - 2 - indication for sum (R+L);
 - 3 - indication for difference (R-L)



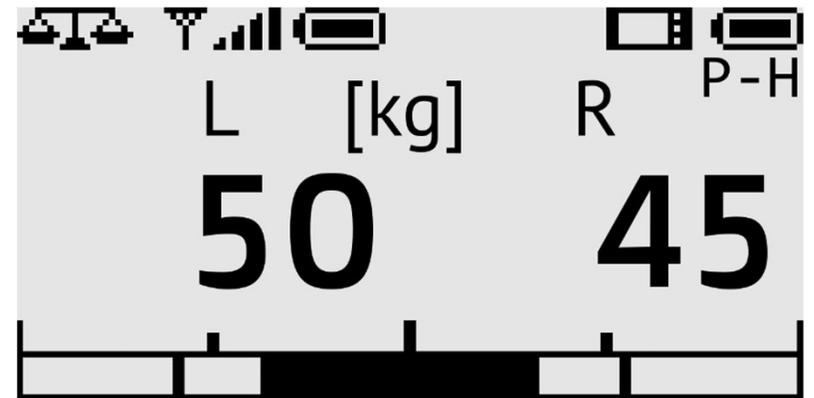
ELEVEO pulpit – pick hold mode

- MAINTAINING RELIEF PEAK VALUE – pressing the button  will activate the peak relief hold mode;

under the battery indicator of the operator's panel is displayed the symbol P-H;

this mode is active in all display modes

- when the Peak Hold mode is activated, the display shows the highest recorded relief shown within the time set in the user settings



ELEVEO – a wheeled base

- equipped with four wheels with brakes,
- base construction in wider version allows free moving with treadmill,
- with storing space for handrails,
- with demountable upholstered stool with the possibility of moving the fixing position, equipped with supporting wheel.



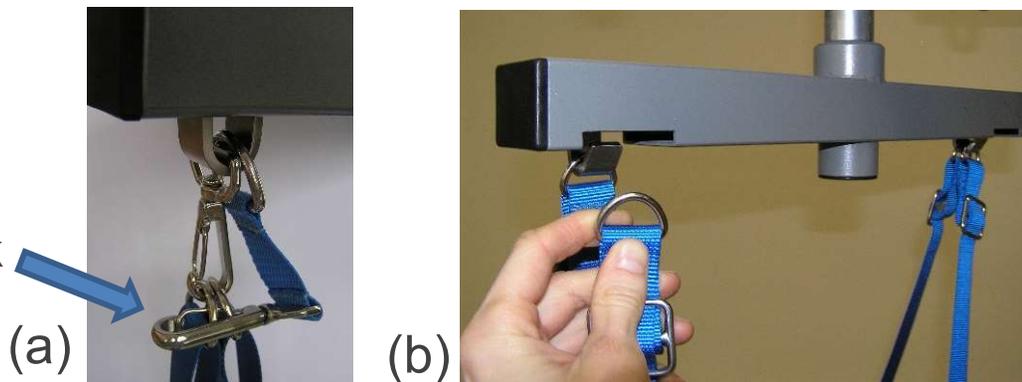
ELEVEO – a lifting column

- stable two-segment construction
- controller with disconnected battery
- electrical height adjustment
- adjustable and interchangeable rails for supporting the patient during gait training
- manual remote control



ELEVEO – a harness for patient stabilization

- universal size S-M-L-XL
- easy cleaning - made from washable fabric
- the harness is attached over patient's head by the lugs sewn into adjustable harness straps
- suspension of the harness can be done directly on the weight bearing arm (b) or on the swivel sling (a)



AXELERO REHA



AXELERO REHA

- a medical treadmill designed for rehabilitation;
- suitable for :
hospital and clinical use
in Physiotherapy;



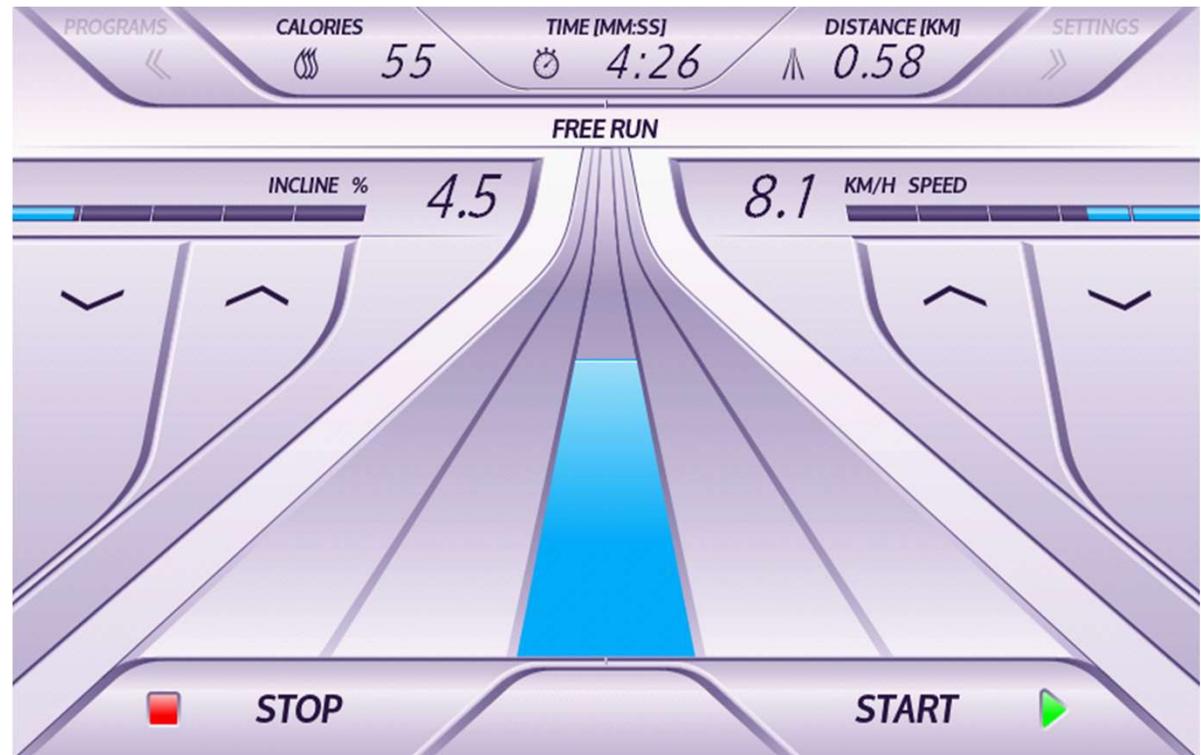
AXELERO ver. REHA – features:

- system of gradual speed increase from 0,2 km/h to a preset value
- belt speed range: 0,2 – 25 km/h
- belt speed stabilization in the full drive load range
- belt speed setting resolution: 0,1 km/h
- belt elevation angle: 0-25%
- belt elevation angle resolution: 0,5 %
- length of the usable part of the belt: 140 cm
- width of the usable part of the belt: 52 cm
- smooth and quiet operation
- easily accessible safety switch which allows for switching the device and the drive off manually
- control unit with color LCD display



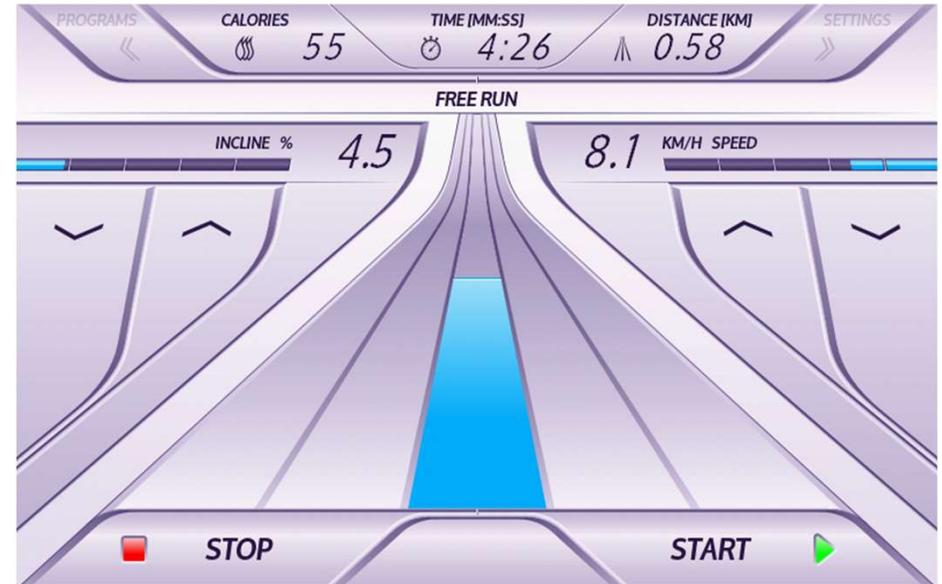
AXELERO ver. REHA – functions:

- START/STOP
- incline
- speed
- calories
- distance
- programs



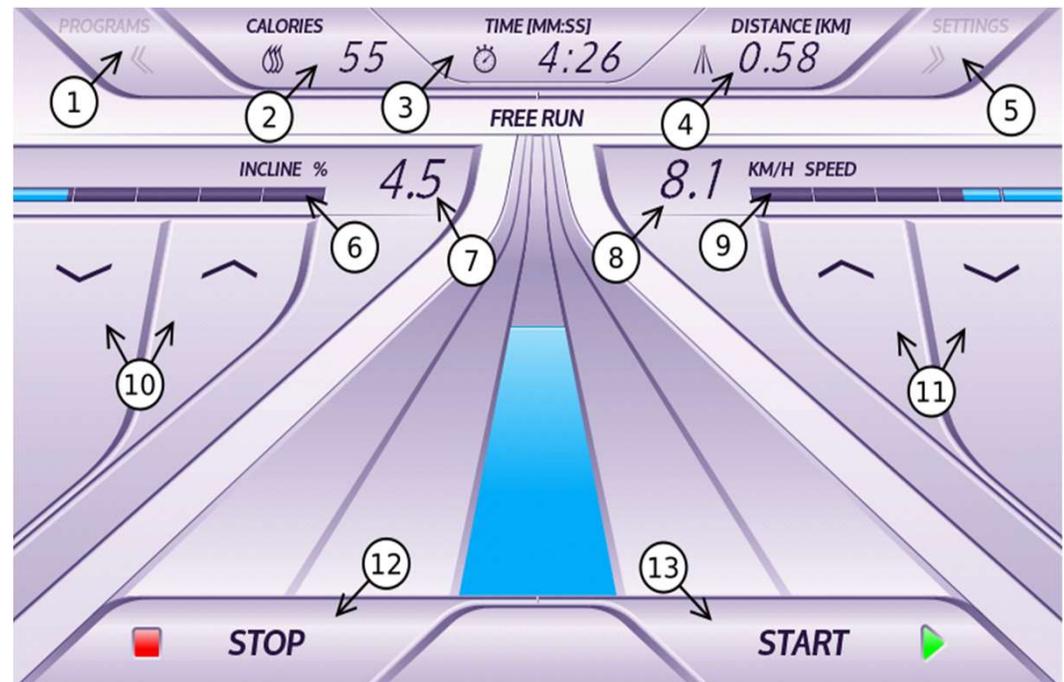
AXELERO REHA – START/STOP:

- button 'START' – it starts a 3-second countdown to start the treadmill belt at the speed of 0.2 km/h and with the inclination of 0.0 %
- is possible to modify the treadmill belt speed and inclination set by the user when the belt is in motion
- Button 'STOP' - has two functions:
 - during the training session stops the belt, leveling it and going to pause (in case of exercise without a pause will end it);
 - next pressing the „STOP” button for a stopped treadmill, will reset the recorded data (time, distance, burned calories) of the exercise and going to default values.



AXELERO REHA – main menu:

1. 'PROGRAMS' button brings you to the screen of the program type selecting (button inactive during exercise)
2. estimated value of calories burned during the exercise
3. value of performed exercise time
4. value of the distance defeated during the exercise
5. 'SETTINGS' button brings you to the screen with the treadmill settings (button inactive during exercise)
6. strip visualizing the actual incline of the treadmill
7. set up incline of the belt platform
8. set up belt speed
9. strip visualizing the actual belt speed
10. buttons used to adjust the belt incline (buttons inactive when the belt is stopped and for some programs)
11. buttons used to adjust the belt speed (buttons inactive when the belt is stopped and for some programs)
12. 'STOP'
13. 'START'



AXELERO REHA – programs:

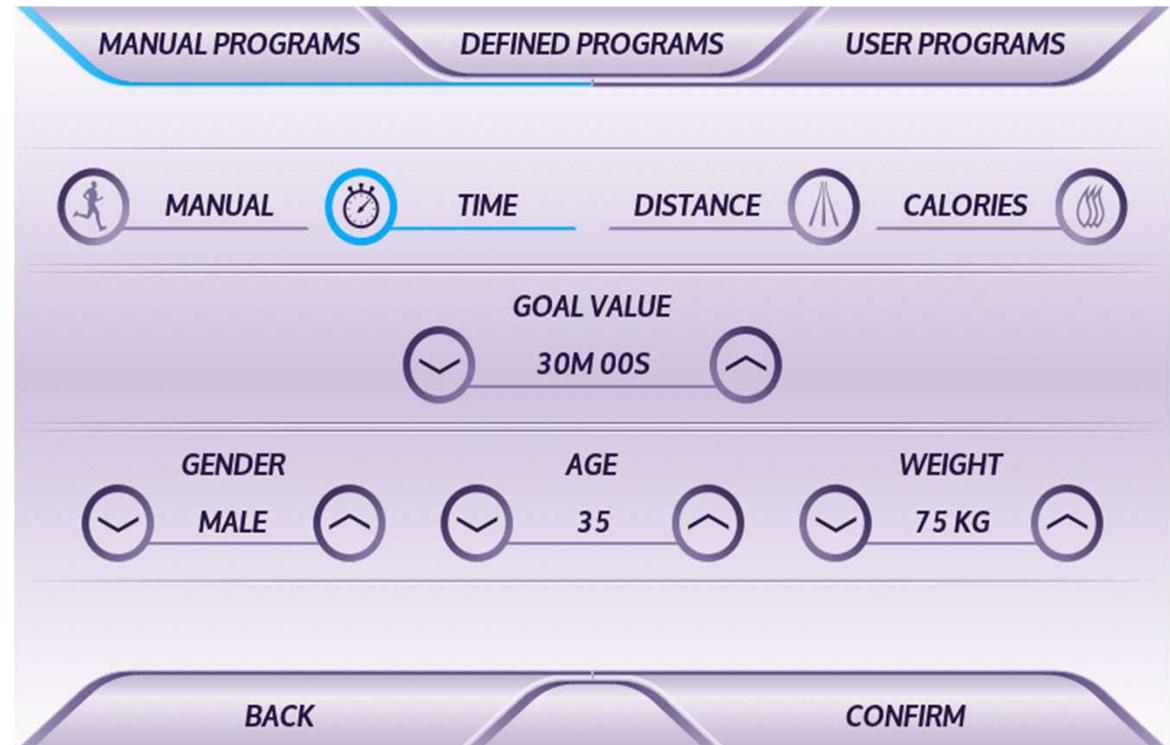
- 'MANUAL PROGRAMS' – possible to control speed and incline during the exercise
- 'DEFINED PROGRAMS' – set up programs
- 'USER PROGRAMS' – programs created by user

AXELERO REHA – manual program screen:

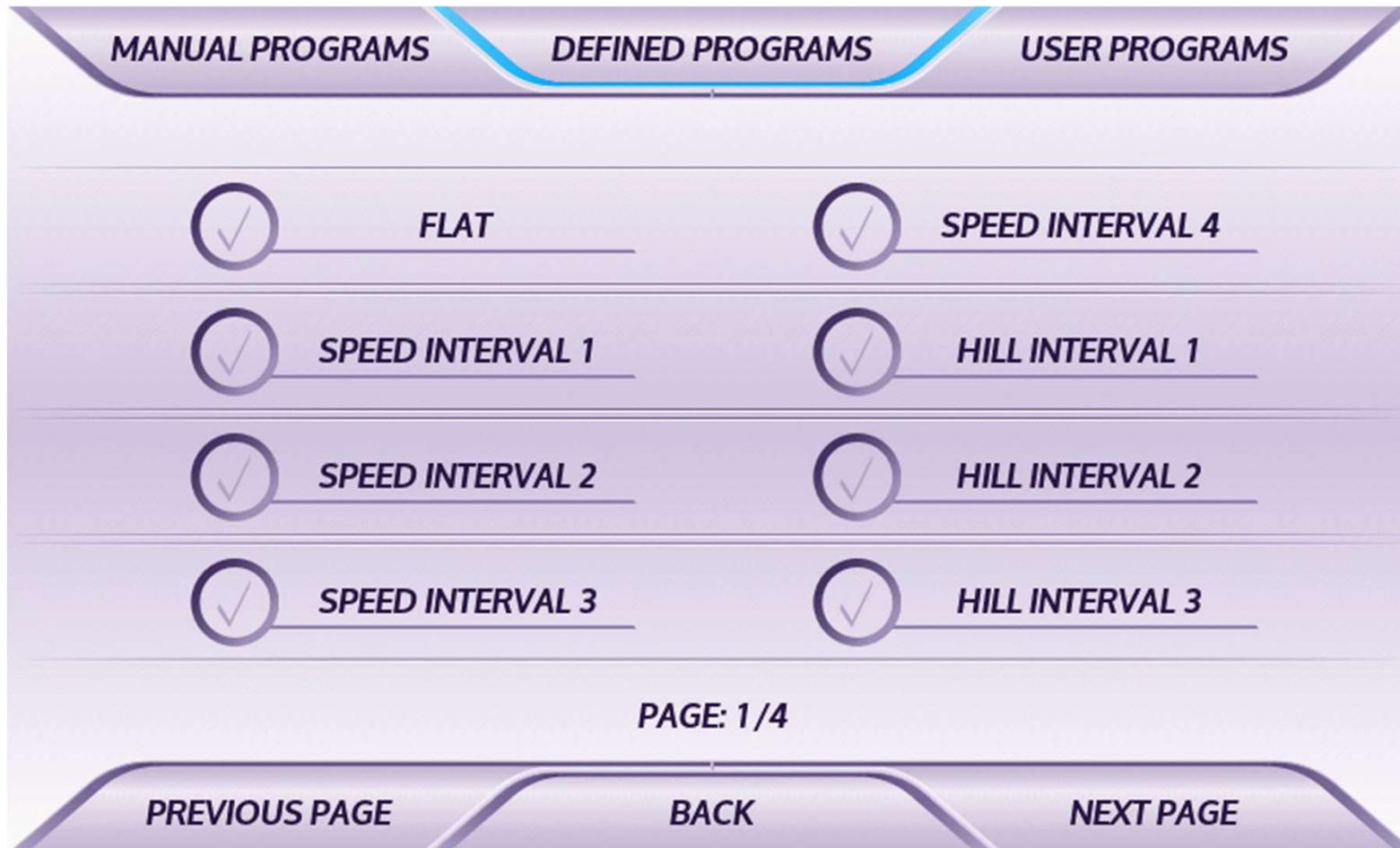


AXELERO REHA – manual program screen:

- MANUAL – used to select the exercise during which the user controls all parameters
- TIME – used to select the exercise with a goal set up in the form of specified time after reaching which the exercise ends
- DISTANCE – used to select an exercise with a goal set up in the form of a specified distance after reaching which the exercise ends
- CALORIES – used to select an exercise with a goal set up in the form of a specified calories burned during exercise after reaching which the exercise ends

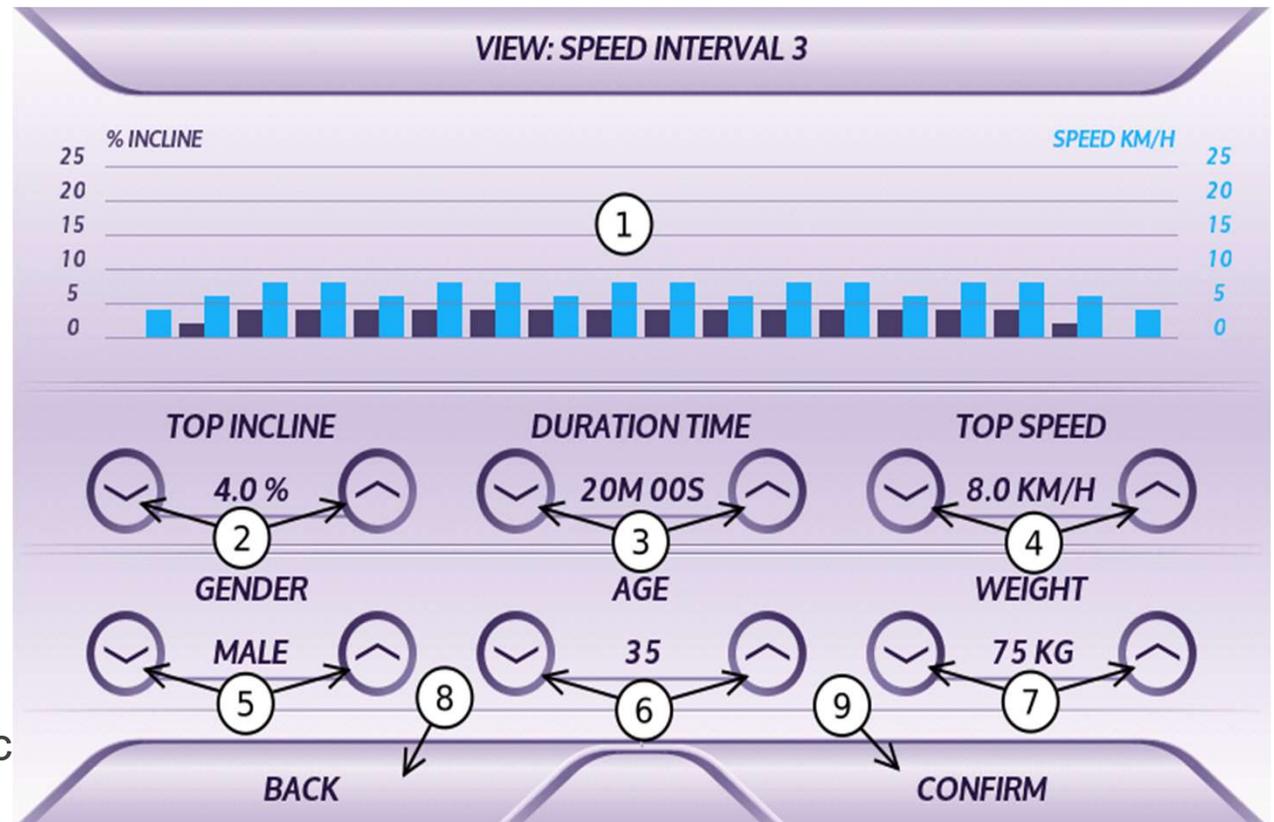


AXELERO REHA – list of defined programs:

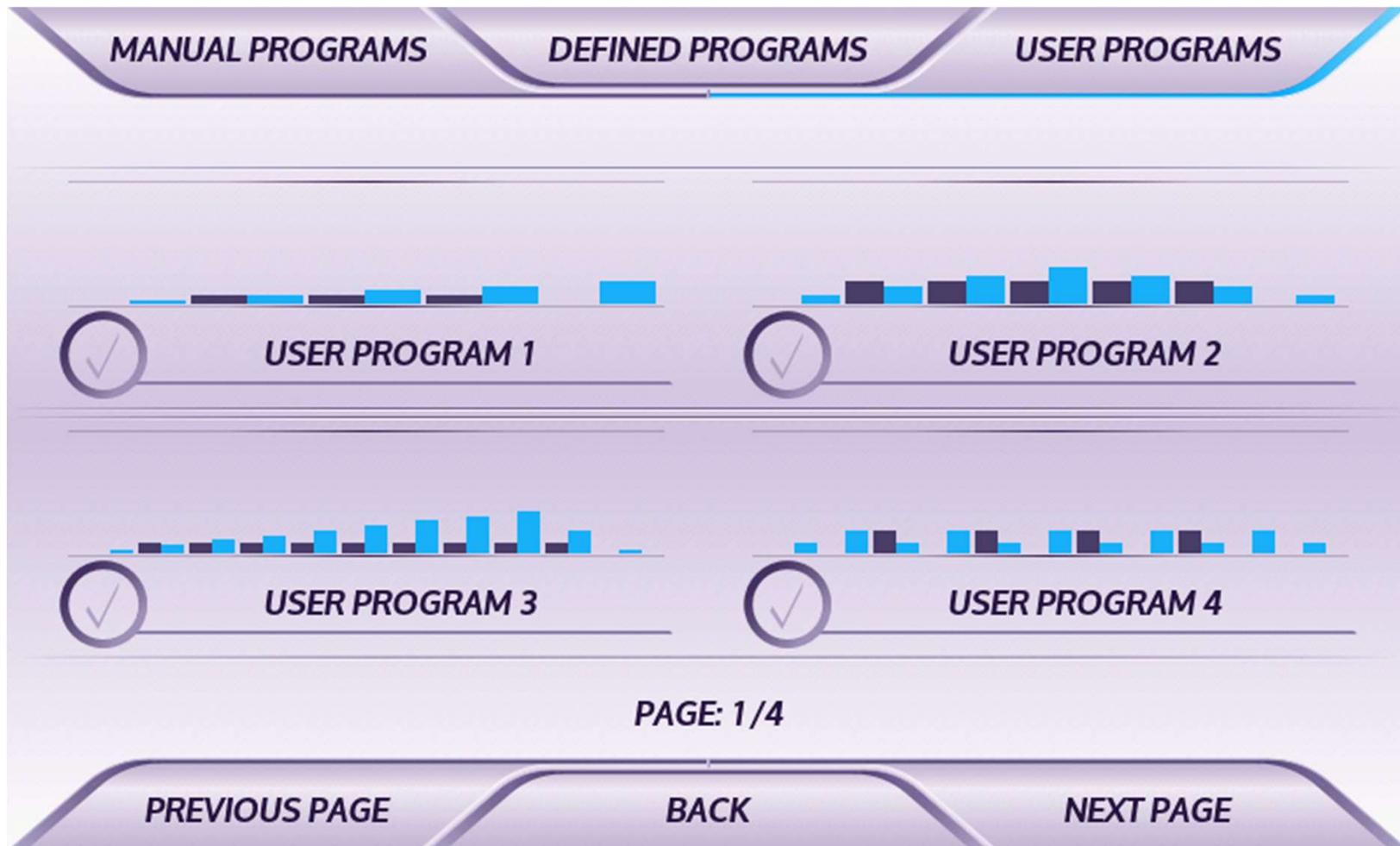


AXELERO REHA – defined program SPEED INTERVAL 3:

1. graphic preview of the program
2. buttons to set up the max. incline
3. buttons to set up the duration of the exercise
4. buttons to set up the max. speed
5. buttons to change the sex of the user
6. buttons to change the age of the user
7. buttons to change the weight of the user
8. return to the program list without making changes in the current exerc
9. confirmation and going to the main screen

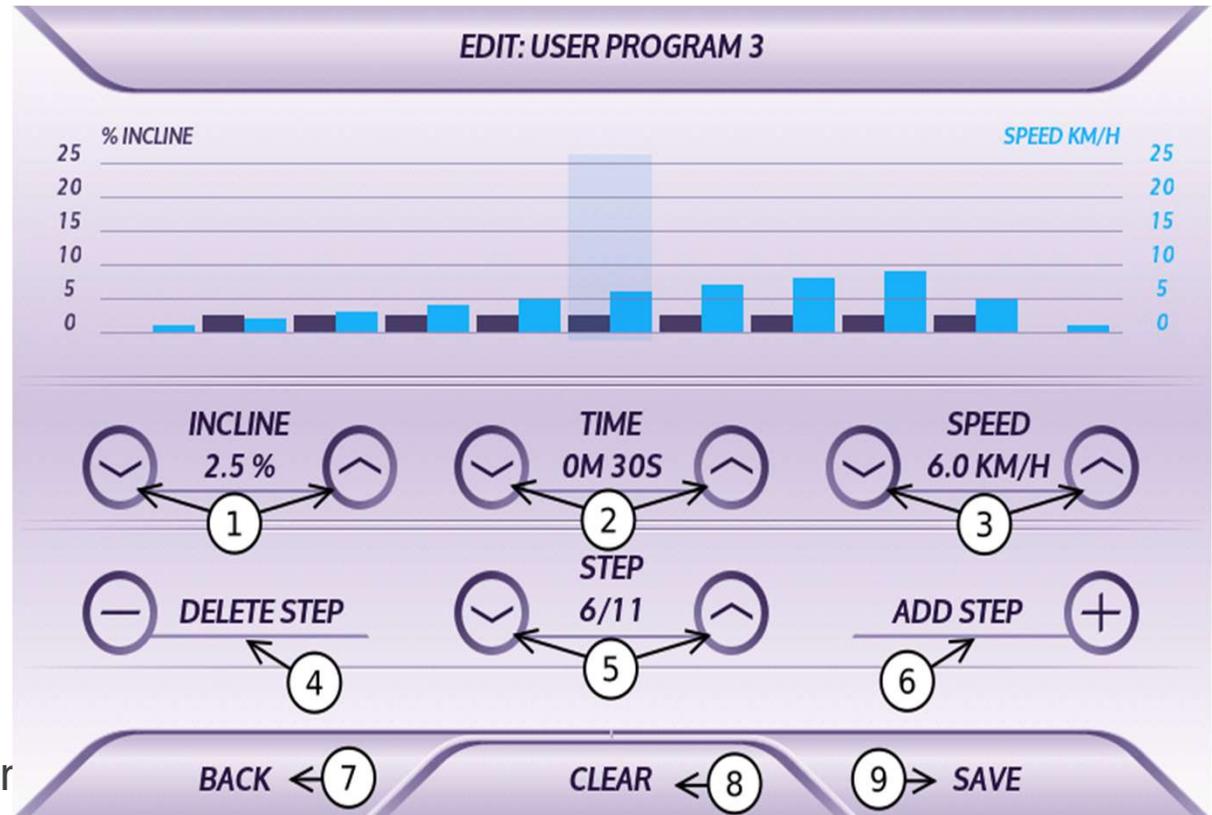


AXELERO REHA – list of user programs:



AXELERO REHA – user program USER PROGRAM 3 (edition):

1. buttons to set up the incline of current step
2. buttons to set up the duration of current step
3. buttons to set up the speed of current step
4. button to delete currently selected step
5. buttons used to move between different steps of the edited program
6. button to add a new step of the edited program
7. back to the preview of the edited program or to the list of user programs
8. removing all steps of the edited program
9. saving the program and switching



AXELERO REHA – user program USER PROGRAM 3 (view):

1. buttons to change the sex of the user
2. buttons to change the age of the user
3. buttons to change the weight of the user
4. back to the list of user programs (without making changes)
5. going to the edition of current user program (edition secured by code 2345)
6. confirmation and going to th

